What is claimed is:

1. An electro-medical system comprising:

a container including an electrical device therein;

a porous first covering over the container, wherein the porous first covering includes a porous communication to the container.

2. The electro-medical system of claim 1, wherein the porous first covering is selected from expanded ultra-high molecular weight polyethylene, a porous fluropolymer, porous poly tetrafluoroethylene, a porous polyester, a porous polyurethane, a porous polyamide, and combinations thereof.

3. The electro-medical system of claim 1, the system further including:

a lead including a proximal end that is coupled to the container, a lead body, and a distal end including an electrode, wherein the electrode is covered with a porous second covering.

4. The electro-medical system of claim 1, wherein container is completely covered in the porous first covering.

5. The electro-medical system of claim 1, the system further including:

a lead including a proximal end that is coupled to the container, a lead body, and a distal end including a coil, wherein the coil is covered with a porous second covering.

6. The electro-medical system of claim 1, the system further including:

a lead including a proximal end that is coupled to the container, a lead body, and a distal end, wherein at least two of the proximal end, the lead body, and the distal end are covered with a porous second covering.

7. The electro-medical system of claim 1, the system further including:

a lead including a proximal end that is coupled to the container, and a distal end including an electrode, wherein the electrode is covered with a porous second covering; and

wherein at least one of the porous first covering and the porous second covering includes a pore structure that repels *in vivo* fibrotic tissue ingrowth.

8. The electro-medical system of claim 1, the system further including:

a lead including a proximal end that is coupled to the container, and a distal end including an electrode;

a dielectric coating over the proximal end; and

a porous second covering over the electrode.

9. The electro-medical system of claim 8, wherein the dielectric coating is selected from inorganics, silicone rubber, polyurethane, polytetrafluoro ethylene, fluoro polymers, and polyolefins.

10. The electro-medical system of claim 1, wherein the system further includes a plurality of leads.

11. The electro-medical system of claim 1, the system further including:

a lead including a proximal end that is coupled to the container, and a distal end including an electrode, wherein the electrode is covered with a porous second covering, and wherein the porous second covering is selected from expanded ultra-high molecular weight polyethylene, a porous fluropolymer, a porous poly tetrafluoroethylene, a porous polyester, a porous polyurethane, a porous polyamide, and combinations thereof.

12. The electro-medical system of claim 1, wherein the container houses an electrical device, selected from a cardiac pacemaker, a cardiac defibrillator, a neurostimulator, and a combination thereof.

13. The electro-medical system of claim 1, wherein the container houses a monitor.

14. The electro-medical system of claim 1, wherein the container houses a monitor with a functionality selected from blood pressure, temperature, oxygen, at least one blood sugar, at least one lipoprotein, at least one blood gas, insulin, at least one electrolyte, heart rate, respiration, and a combination of at least two thereof.

15. The electro-medical system of claim 1, wherein the porous first covering over the container is disposed over a dielectric coating, and wherein the dielectric coating causes the container to be one selected from an insulated container and a hot can.

16. An electro-medical system comprising:

a lead including a lead proximal end, a lead body, and a distal end including electrical communication selected from an electrode, a wire, and a coil, wherein lead includes a porous covering that includes a porous communication to the lead, and wherein the porous covering includes a pore structure that repels *in vivo* fibrotic tissue ingrowth.

17. The electro-medical system of claim 16, wherein the porous covering is selected from expanded ultra-high molecular weight polyethylene, a porous fluropolymer, porous poly tetrafluoroethylene, a porous polyester, a porous polyurethane, a porous polyamide, and combinations thereof.

18. The electro-medical system of claim 16, the system further including:

a container that is coupled to the lead, wherein the container is covered with a porous first covering, and wherein the porous covering on the lead is a porous second covering.

19. The electro-medical system of claim 16, the system further including:

a dielectric coating over at least one of the proximal end and the lead body.

20. The electro-medical system of claim 19, wherein the dielectric coating is selected from inorganics, silicone rubber, polyurethane, polytetrafluoro ethylene, fluoro polymers, and polyolefins.

21. The electro-medical system of claim 16, wherein the lead is one of a plurality of leads.

22. An electro-medical system, comprising:

a container including an electrical device;

a dielectric coating over the container;

a passage through the dielectric coating to form an exposed portion of the container; and

a porous first covering over the exposed portion of the container.

23. The electro-medical system of claim 22, wherein the porous first covering is selected from expanded ultra-high molecular weight polyethylene, a porous fluropolymer, porous poly tetrafluoroethylene, a porous polyester, a porous polyurethane, a porous polyamide, and combinations thereof.

24. The electro-medical system of claim 22, the system further including:

a lead including a proximal end that is coupled to the container, a lead body, and a distal end including an electrode, wherein the electrode is covered with a porous second covering.

25. The electro-medical system of claim 22, the system further including:

a lead including a proximal end that is coupled to the container, a lead body, and a distal end including an electrode, wherein at least two of the proximal end, the lead body, the distal end, and the electrode are covered with a porous second covering.

26. The electro-medical system of claim 22, the system further including:

a lead including a proximal end that is coupled to the container, and a distal end including an electrode, wherein the electrode is covered with a porous second covering; and

wherein at least one of the porous first covering and the porous second covering has a pore structure that repels *in vivo* fibrotic tissue ingrowth.